What is claimed is:

1.   A Proxy Call State Control Function (P-CSCF) implemented in a mobile network to provide IP multimedia services comprising:

storing identification information from a given user equipment (UE) at registration in memory;

receiving a SIP (Session Initiation Protocol) message from the given UE;

comparing identity in the SIP message with the identification information stored with a link to a Policy Decision Function (PDF); and

using the same PDF for all operations of the given UE, when the identity in the SIP messages matches the identification information stored in memory.

2.   The P-CSCF as claimed in claim 1, wherein the PDF is a separate entity from that of the P-CSCF.

3.   The P-CSCF as claimed in claim 1, wherein the PDF is configured to determine if one or more IP Multimedia subsystem (IMS) sessions in a PDP (Packet Data Protocol) context are modified, and when one or more IMS sessions in a PDP context are modified, send an aggregate authorization decision including both modified sessions and non-modified sessions per PDP context for policy enforcement.

4.   The P-CSCF as claimed in claim 1, wherein the identification information of the given UE is obtained from the given UE during registration, and is linked with the PDF.

5.   An IP Multimedia Subsystem (IMS) architecture for IP multimedia

services, comprising:

a given user equipment (UE) ;

a gateway support node (GGSN) configured to handle packet

transmission to/from the given UE; and

a proxy call session control function (P-CSCF) configured to serve as a

first contact point of the UE and provide session management services, including

establishing a packet data protocol (PDP) context for IMS related signaling,

registration, and other procedures for IMS sessions,

wherein said P-CSCF is further configured to perform the following:

storing identification information from the given UE during

registration in memory;

receiving a SIP (Session Initiation Protocol) message from

the given UE;

comparing identity in the SIP message with the identification

information stored with a link to a Policy Decision Function (PDF);

and

using the same PDF for all operations of the given UE, when

the identity in the SIP messages matches the identification

information stored in memory.

6.   The IP Multimedia Subsystem (IMS) architecture as claimed in

claim 5, wherein the PDF is a separate entity from that of the P-CSCF.

7.   The IP Multimedia Subsystem (IMS) architecture as claimed in

claim 5, wherein the PDF is configured to determine if one or more IP Multimedia

subsystem (IMS) sessions in a PDP (Packet Data Protocol) context are modified, and when one or more IMS sessions in a PDP context are modified, send an aggregate authorization decision including both modified sessions and non-modified sessions per PDP context for policy enforcement.

8.   The IP Multimedia Subsystem (IMS) architecture as claimed in claim 5, wherein the identification information of the given UE is obtained from the given UE during registration, and is linked with the PDF.

9.   A process of providing Proxy Call State Control Function (P-CSCF) in a mobile network, comprising:

storing identification information from a given user equipment (UE) at registration in memory;

receiving a SIP (Signal Initiated Protocol) message from the given UE;

comparing identity in the SIP message with the identification information stored with a link to a Policy Decision Function (PDF); and

using the same PDF for all operations of the given UE, when the identity in the SIP messages matches the identification information stored in memory.

10.   The process as claimed in claim 9, wherein the PDF is a separate entity from that of the P-CSCF.

11.   The process as claimed in claim 9, wherein the PDF is configured to determine if one or more IP Multimedia subsystem (IMS) sessions in a PDP (Packet Data Protocol) context are modified, and when one or more IMS sessions in a PDP context are modified, send an aggregate authorization

decision including both modified sessions and non-modified sessions per PDP context for policy enforcement.

12.   The process as claimed in claim 9, wherein the identification information of the given UE is obtained from the given UE during registration, and is linked with the PDF.

13.   A computer readable medium comprising instructions that, when executed by a mobile network, perform a method of providing Proxy Call State Control Function (P-CSCF) in a mobile network, the method comprising:
storing identification information from a given user equipment (UE) at registration in memory;
receiving a SIP (Signal Initiated Protocol) message from the given UE;
comparing identity in the SIP message with the identification information stored with a link to a Policy Decision Function (PDF); and
using the same PDF for all operations of the given UE, when the identity in the SIP messages matches the identification information stored in memory.

14.   The computer readable medium as claimed in claim 13, wherein the PDF is a separate entity from that of the P-CSCF.

15.   The computer readable medium as claimed in claim 13, wherein the PDF is configured to determine if one or more IP Multimedia subsystem (IMS) sessions in a PDP (Packet Data Protocol) context are modified, and when one or more IMS sessions in a PDP context are modified, send an aggregate authorization decision including both modified sessions and non-modified

sessions per PDP context for policy enforcement.

16. The computer readable medium as claimed in claim 13, wherein the identification information of the given UE is obtained from the given UE during registration, and is linked with the PDF.